



FEMA



Prepared by:
Brian Hoeth

FEMA Region 6 Weather Threat Briefing

Tuesday, July 10, 2018

Disclaimer: The purpose of this briefing is to provide a **Regional** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information.

To find your local NWS forecast office, go to www.weather.gov/srh.

Today

- Isolated heavy rainfall/flash flooding possible across SW NM into Far West TX.

Wednesday

- Isolated heavy rainfall/flash flooding possible across NM & across LA into NE TX/S AR.

Thursday - Saturday

- Continued chances for isolated heavy rainfall/flash flooding across NM each day.

Tropical Outlook

- The remnants of Beryl are expected to move west-northwestward over the southeastern Bahamas this evening. Little development is expected during the next day or so due to land interaction and unfavorable upper-level winds. The disturbance is forecast to turn northward over the western Atlantic on Wednesday where upper-level winds could become a little more conducive for the regeneration of a tropical cyclone later this week.
 - Formation chance through 48 hours...low...20 percent.
 - Formation chance through 5 days...medium...50 percent.
- Tropical Storm Chris is beginning to move northeastward and is expected to become a hurricane today. Chris will then accelerate rapidly northeastward tomorrow and Thursday out into the open Atlantic and Chris is forecast to become a strong post-tropical cyclone by Thursday night or early Friday.
- No impacts to FEMA Region 6 from either of these systems

FEMA Region 6 Threat Matrix

July 10, 2018 – July 14, 2018



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DAY /THREAT	TUE	WED	THU	FRI	SAT
Severe Storms					
Heavy Rain / Flash Flooding	SW NM into Far W TX.	NM. LA into NETX/S AR.	NM	NM	NM
Fire Weather					
Tropical Weather					
River Flooding					

	No Weather Threats Expected
	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

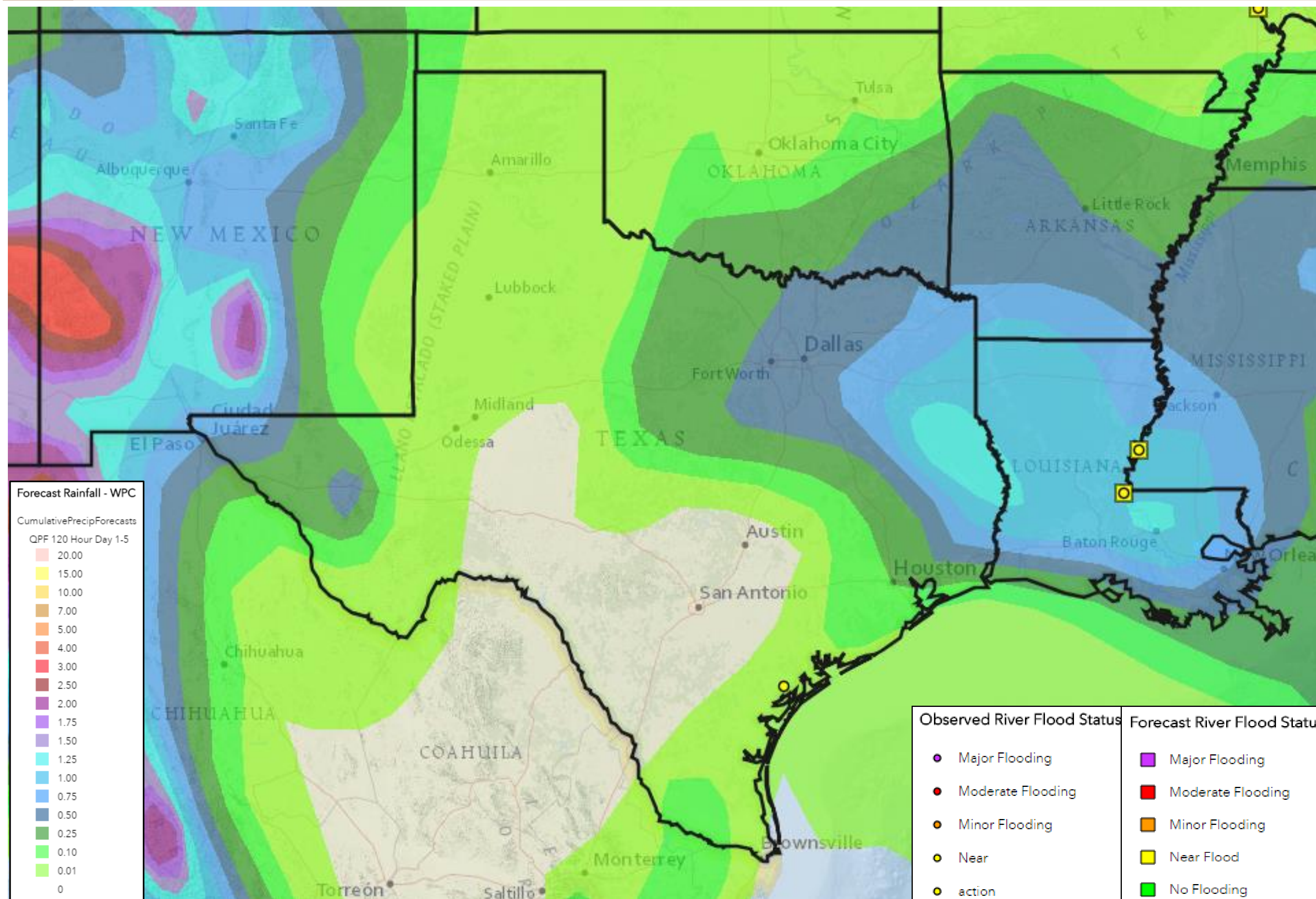
**Threat levels are based on FEMA Region 6 criteria.
State or local threat level criteria may differ.*
For more details on the colors in the threat matrix refer to the last slide in this briefing.*

5-Day Precipitation Forecast & River Flood Status



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Note: Even though the image displays 5 days of forecasted rainfall, river forecasts only include 1-2 days of rainfall



No river flooding is observed or forecast.

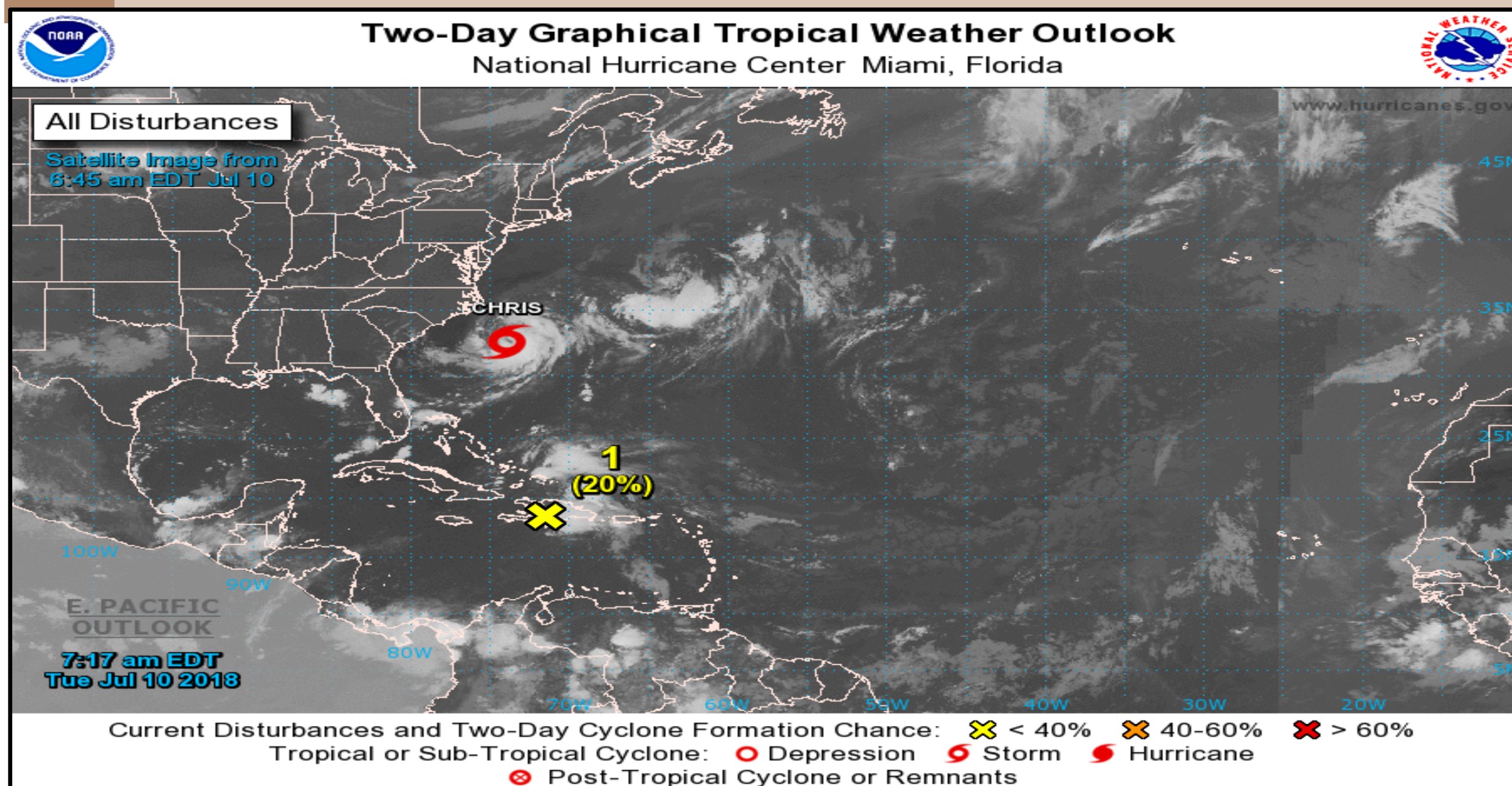
Heavy rainfall in NM could lead to localized areas of flash flooding, especially over and near recent and older burn scars.

In general though, the rainfall in NM will be welcome as much of the state is in drought.

Tropical Weather Outlook – Atlantic/Gulf

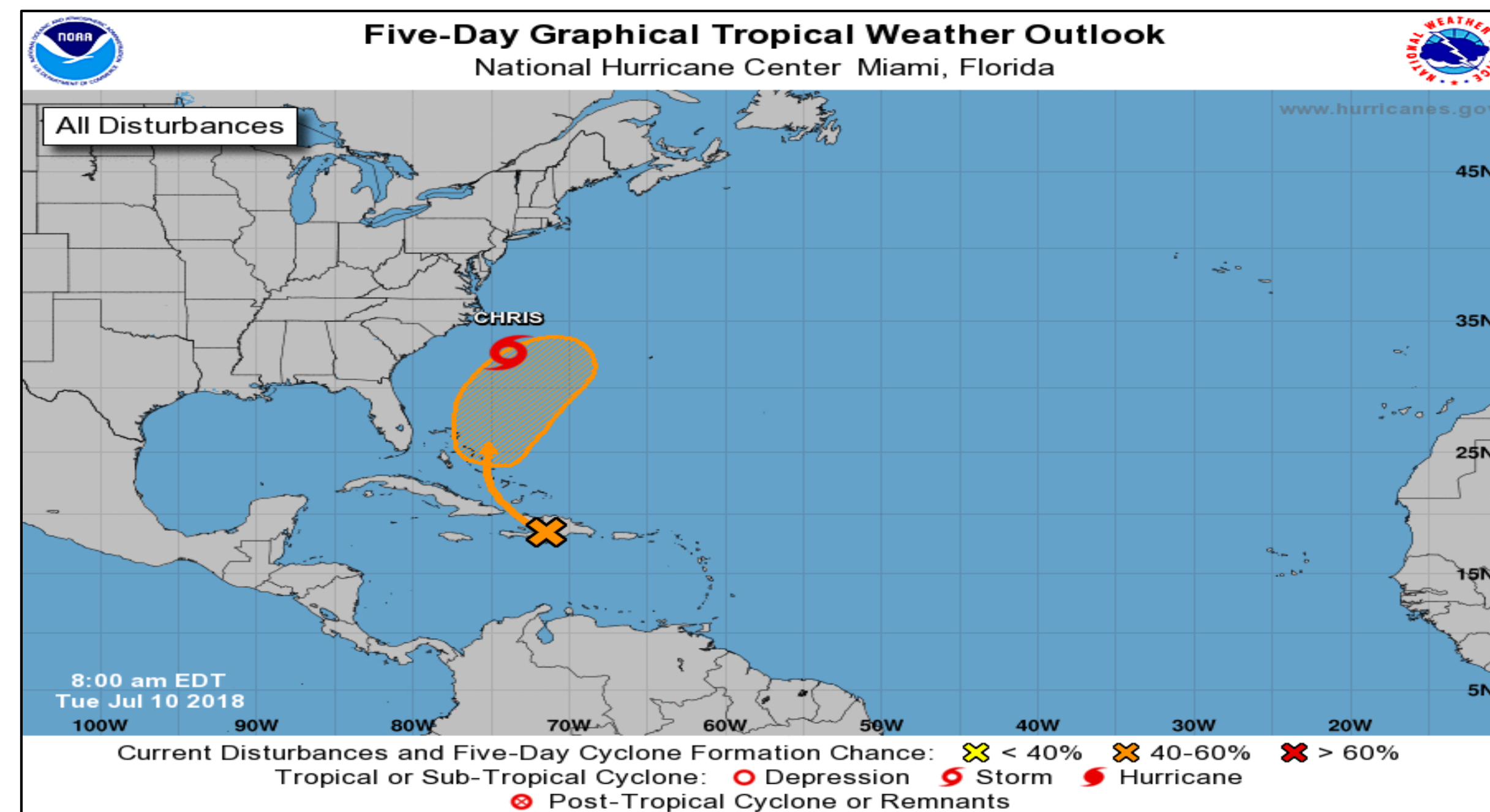


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NHC is issuing advisories on Tropical Storms Chris, located a couple hundred miles south-southeast of the North Carolina Outer Banks. See next slide for details.

Neither Chris nor the remnants of Beryl are expected to impact FEMA Region 6.



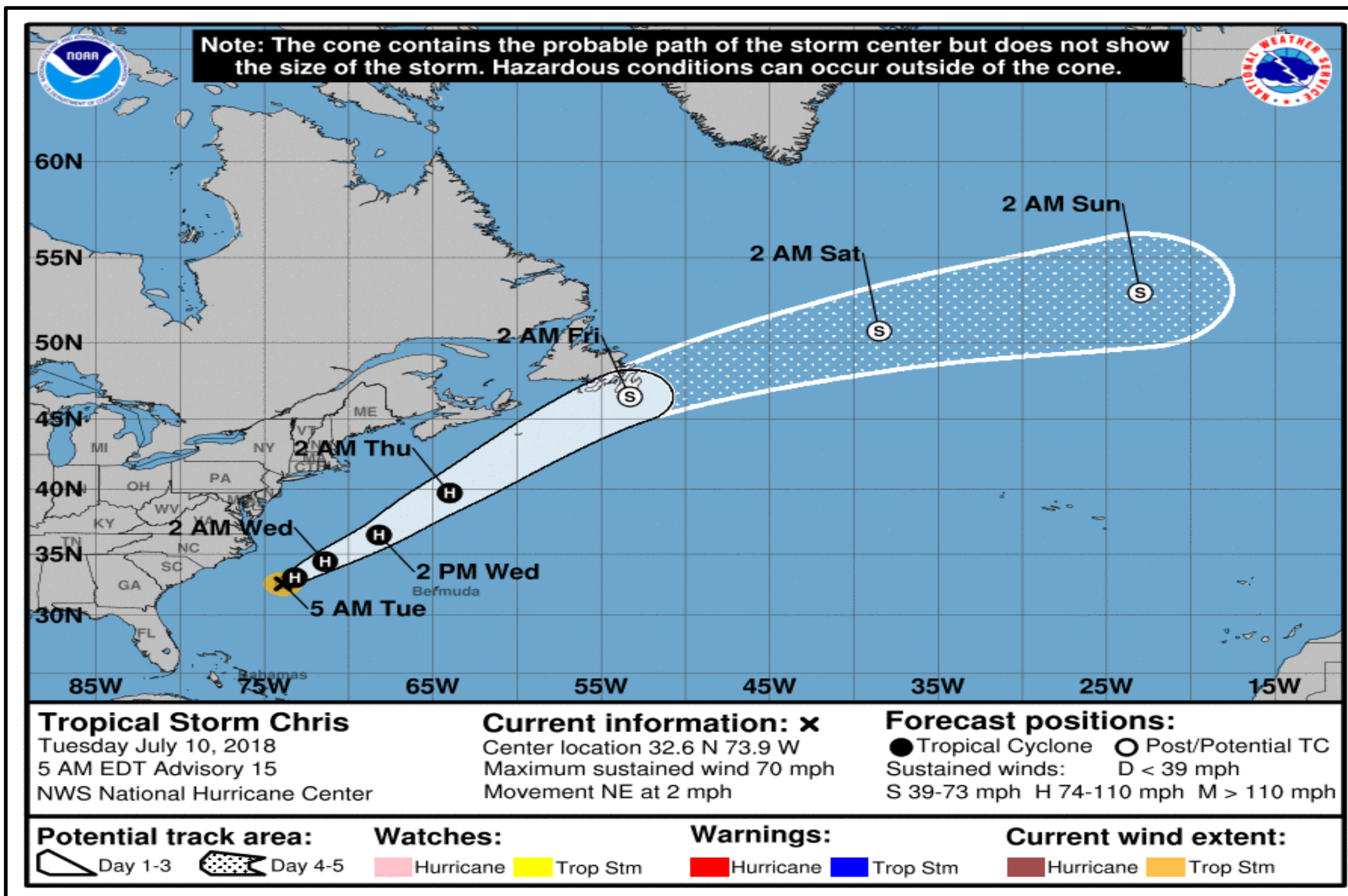
I. The remnants of Beryl are expected to move west-northwestward over the southeastern Bahamas this evening. Little development is expected during the next day or so due to land interaction and unfavorable upper-level winds. The disturbance is forecast to turn northward over the western Atlantic on Wednesday where upper-level winds could become a little more conducive for the regeneration of a tropical cyclone later this week.

- Formation chance through 48 hours...low...20 percent.**
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Tropical Storm Chris

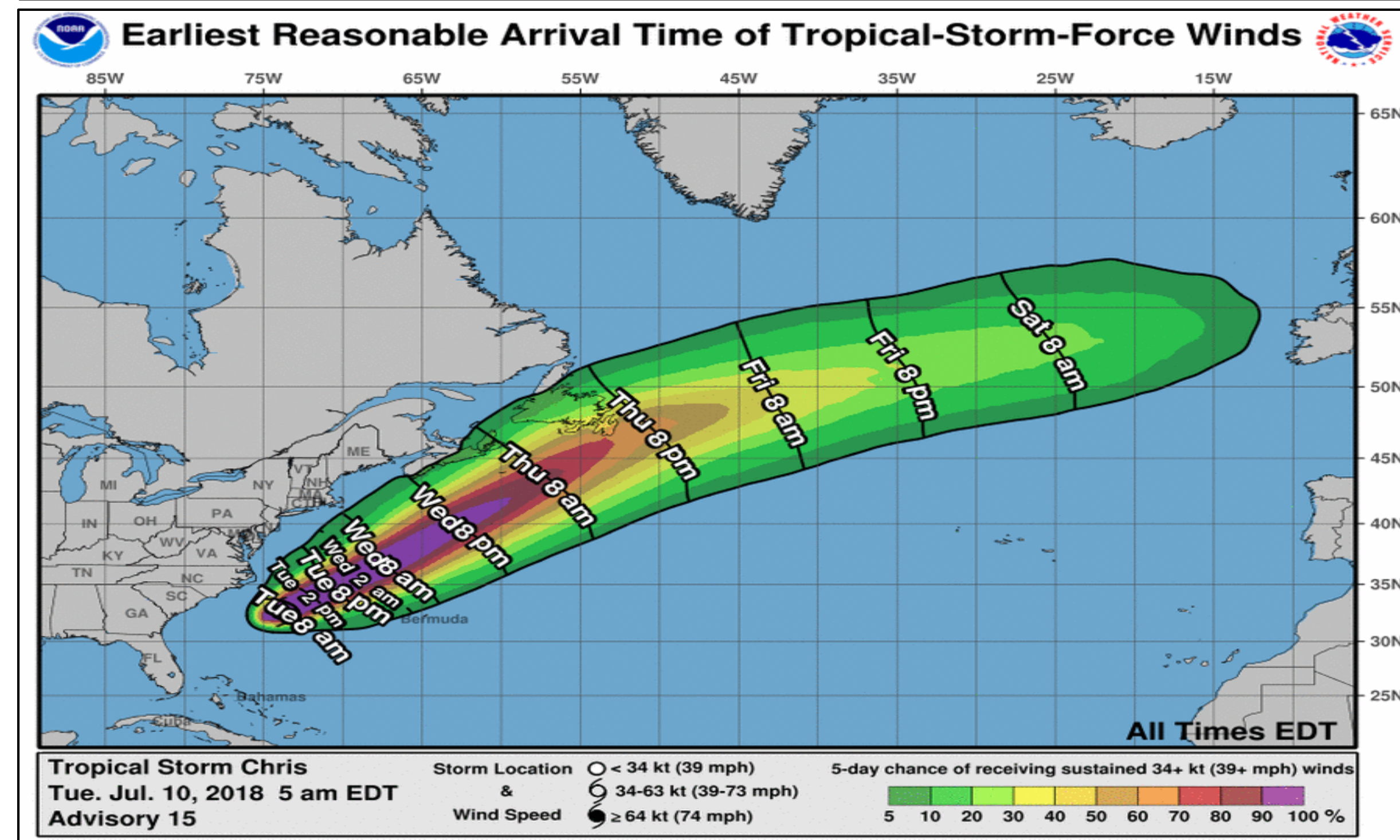


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Tropical Storm Chris is beginning to move northeastward and is expected to become a hurricane today. Chris will then accelerate rapidly northeastward tomorrow and Thursday out into the open Atlantic and Chris is forecast to become a strong post-tropical cyclone by Thursday night or early Friday.

- No impacts to FEMA Region 6.

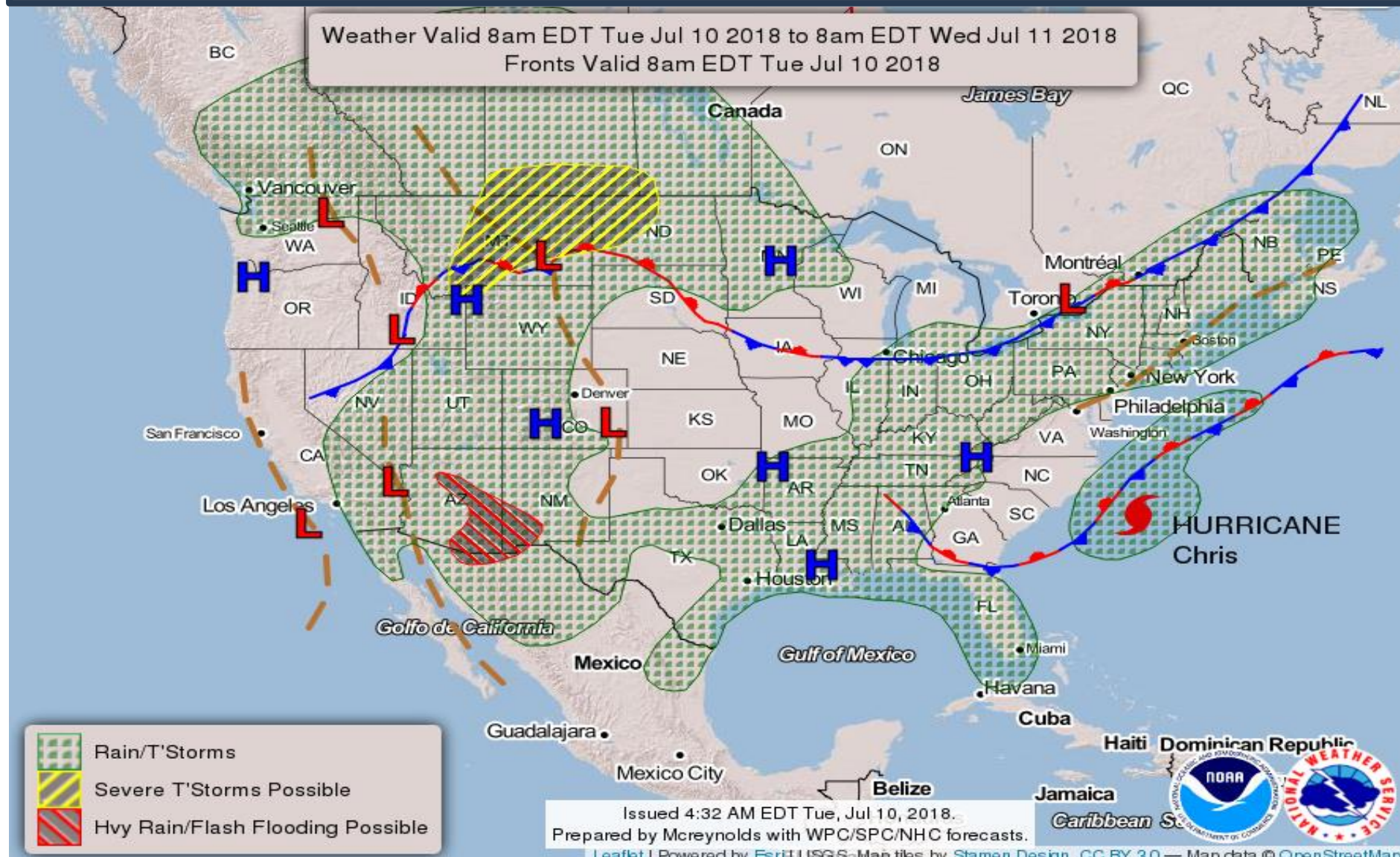


Today's Weather

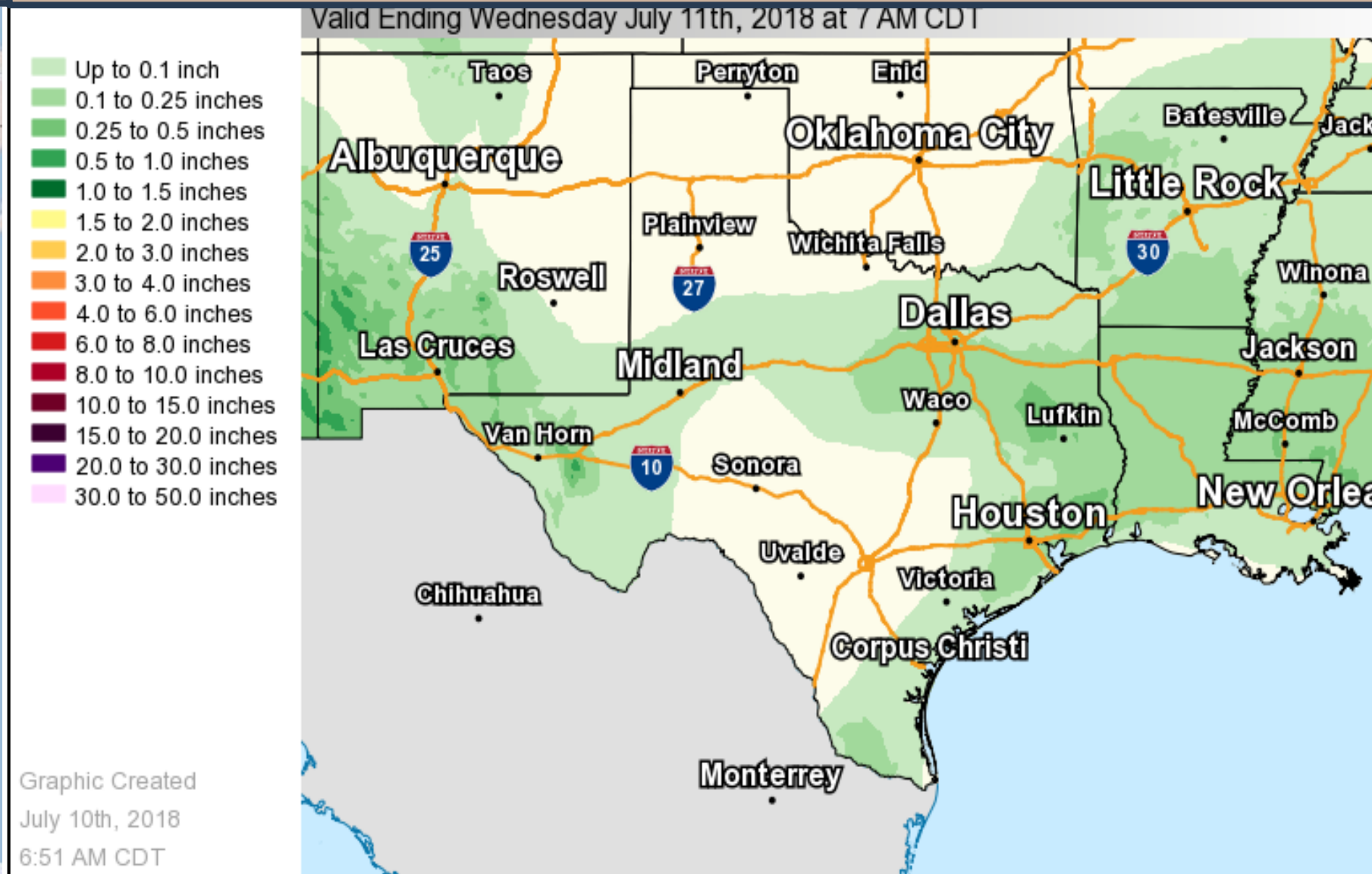


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Forecast Chart

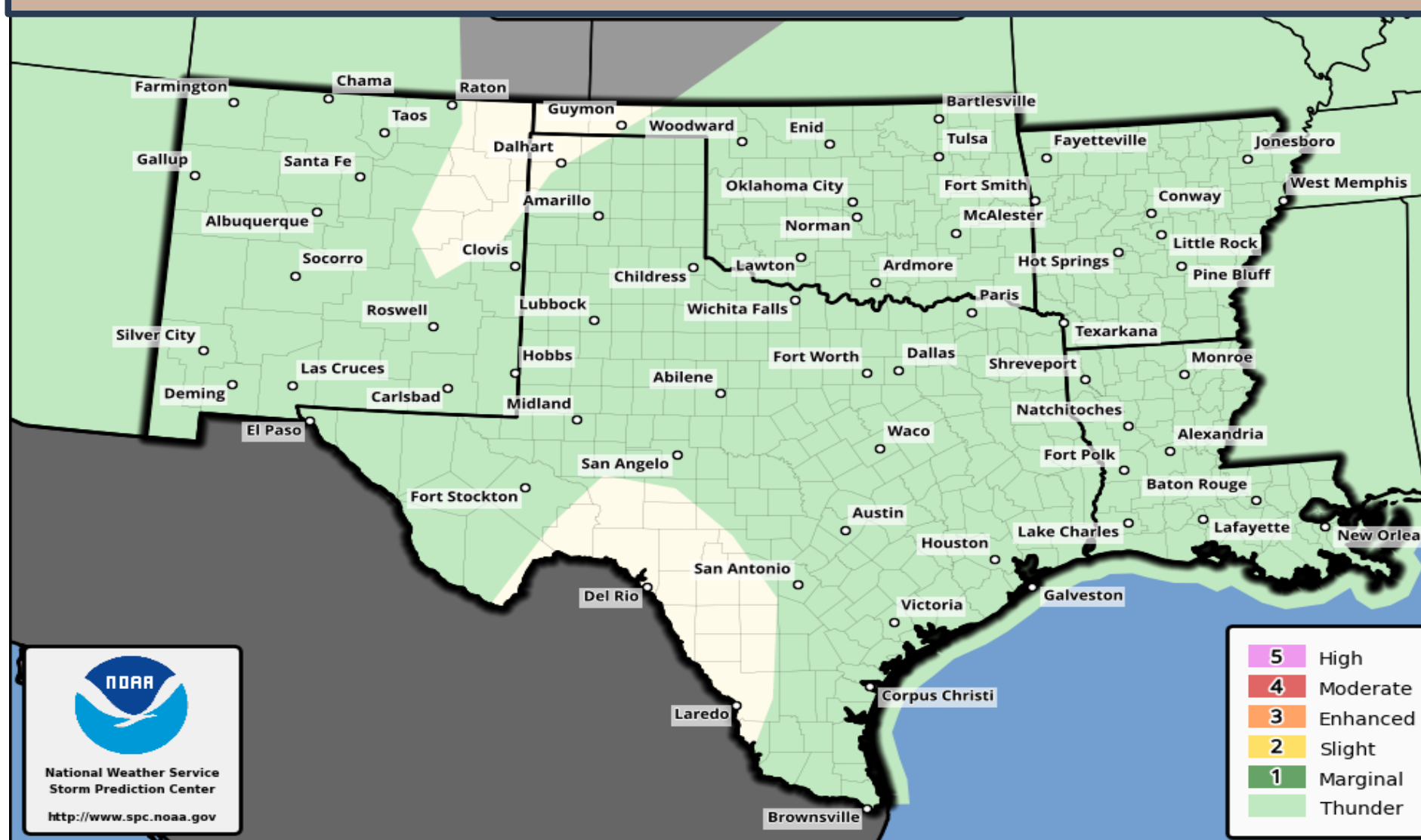


Forecast Rainfall

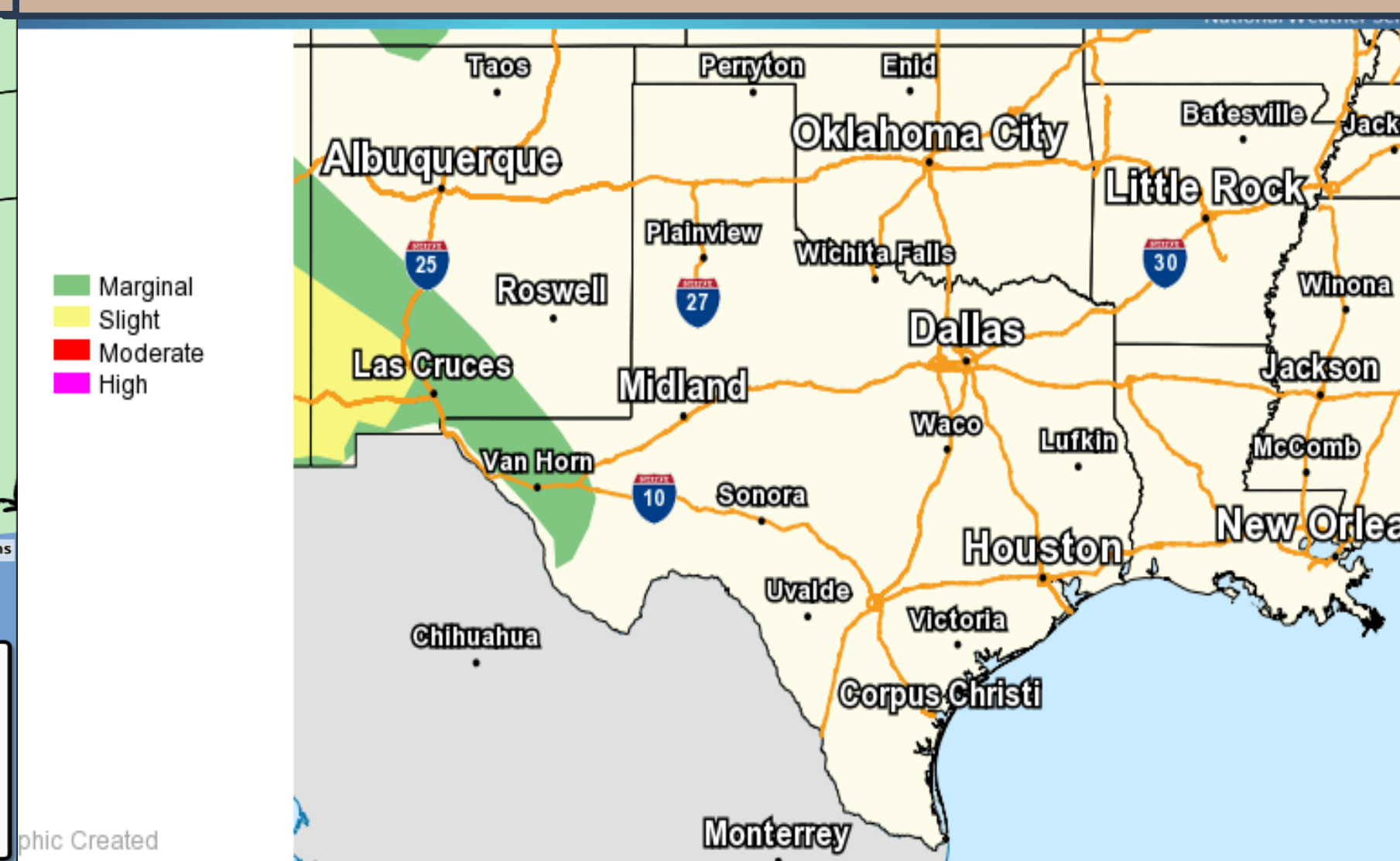


Isolated heavy rain/flash flooding possible across SW NM into Far West TX.

Severe Weather Outlook



Excessive Rainfall Outlook



Tomorrow's Weather

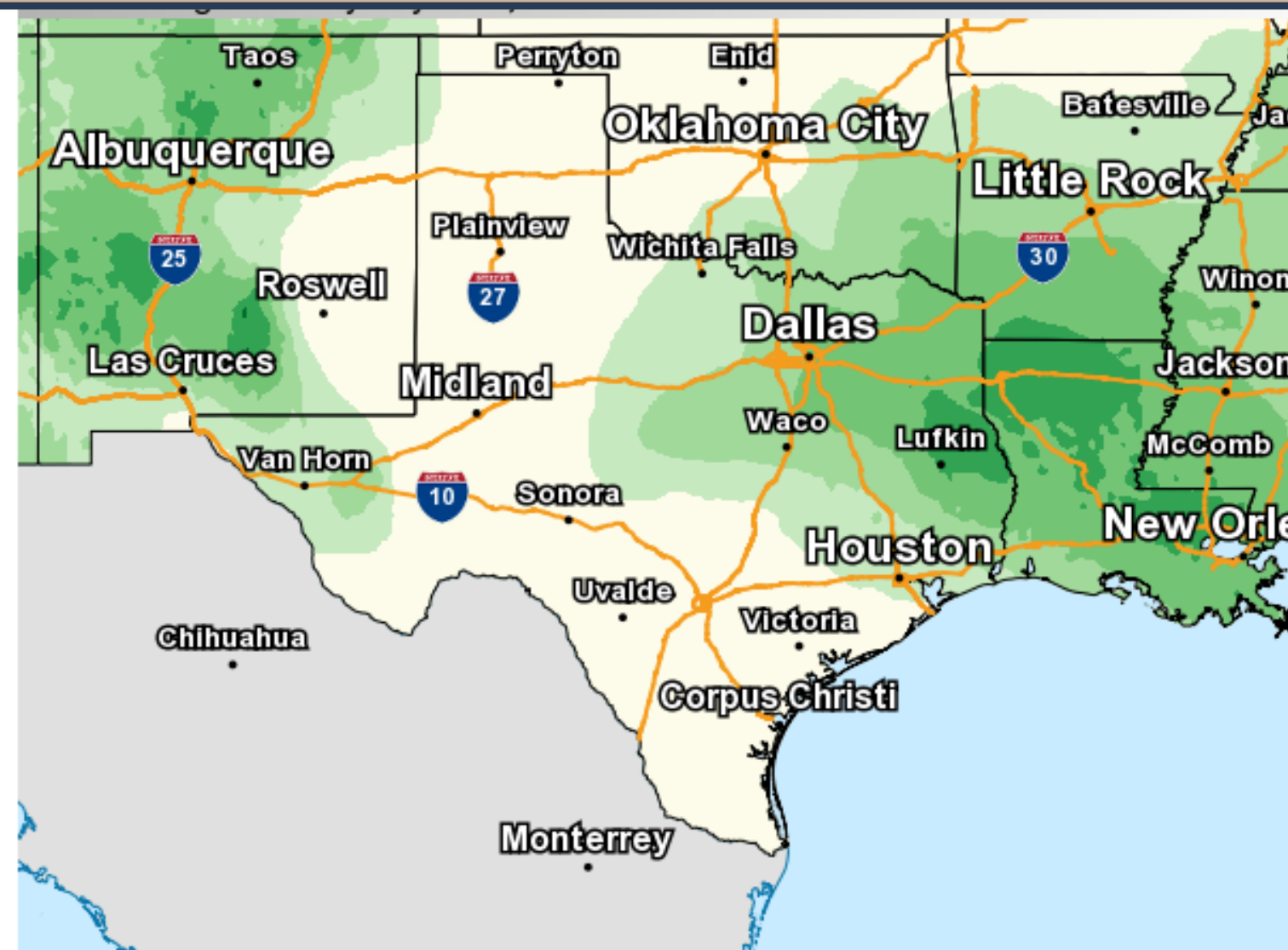
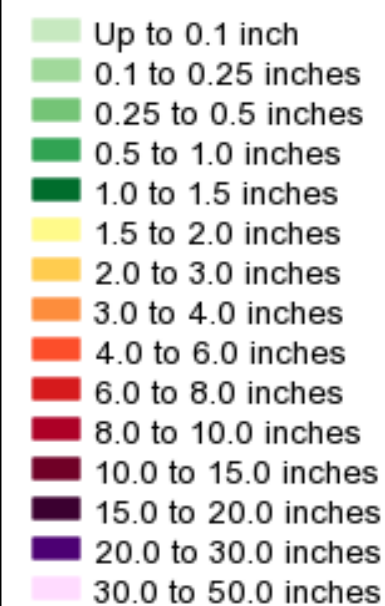
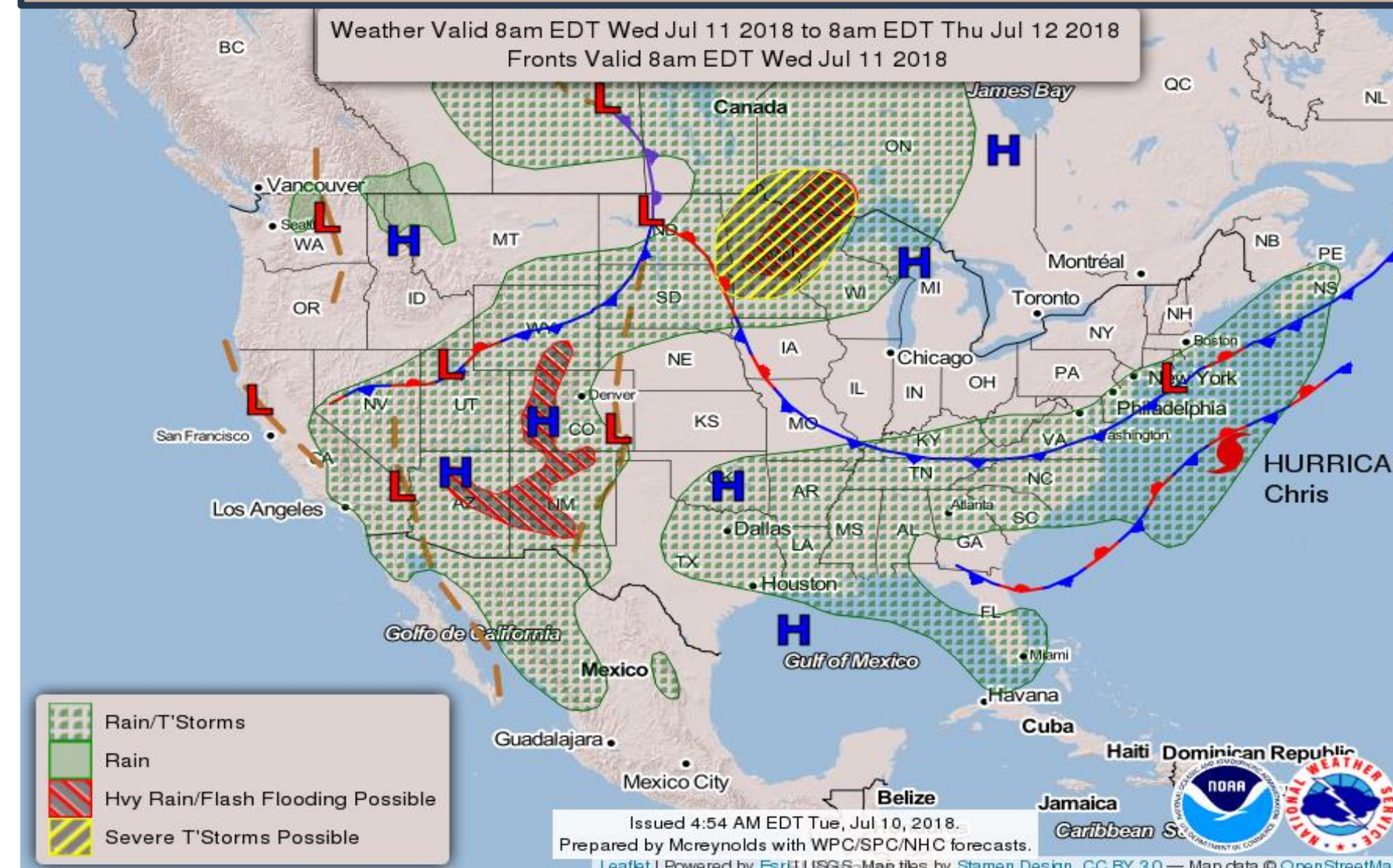


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Forecast Chart

Forecast Rainfall

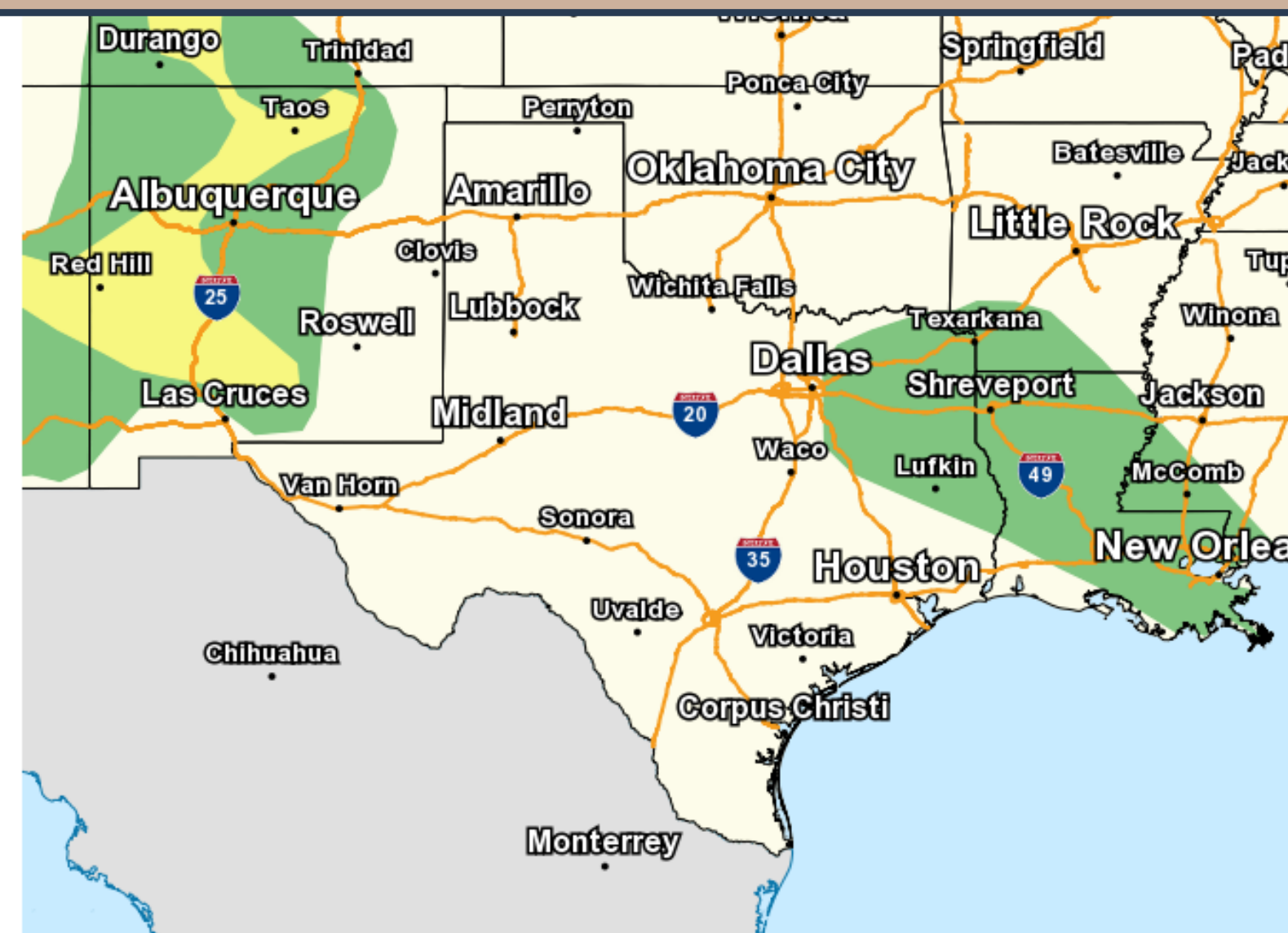
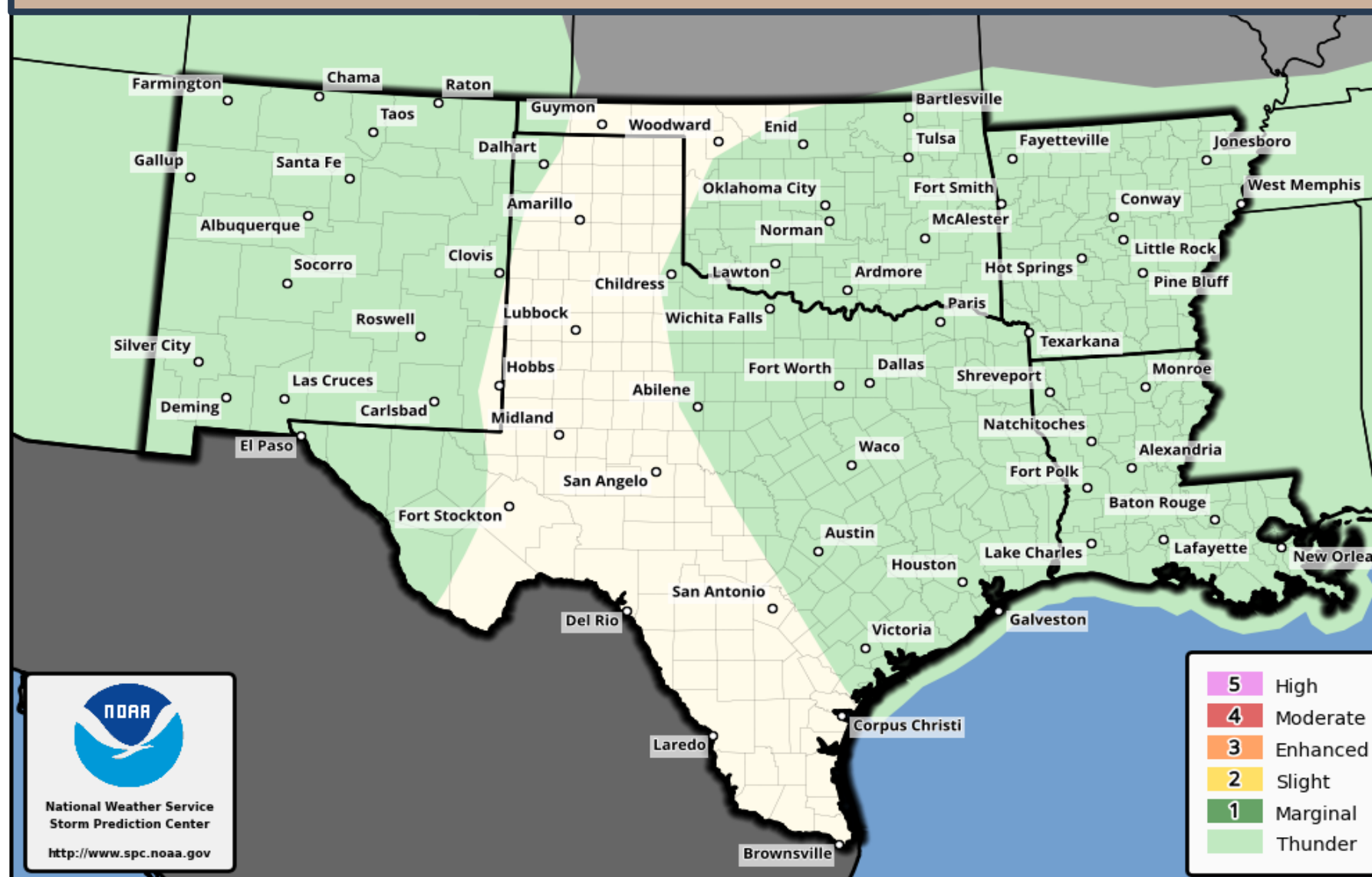
Isolated heavy rain/flash flooding possible across NM and across LA into NETX/S AR.



Graphic Created
July 10th, 2018
6:52 AM CDT

Severe Weather Outlook

Excessive Rainfall Outlook



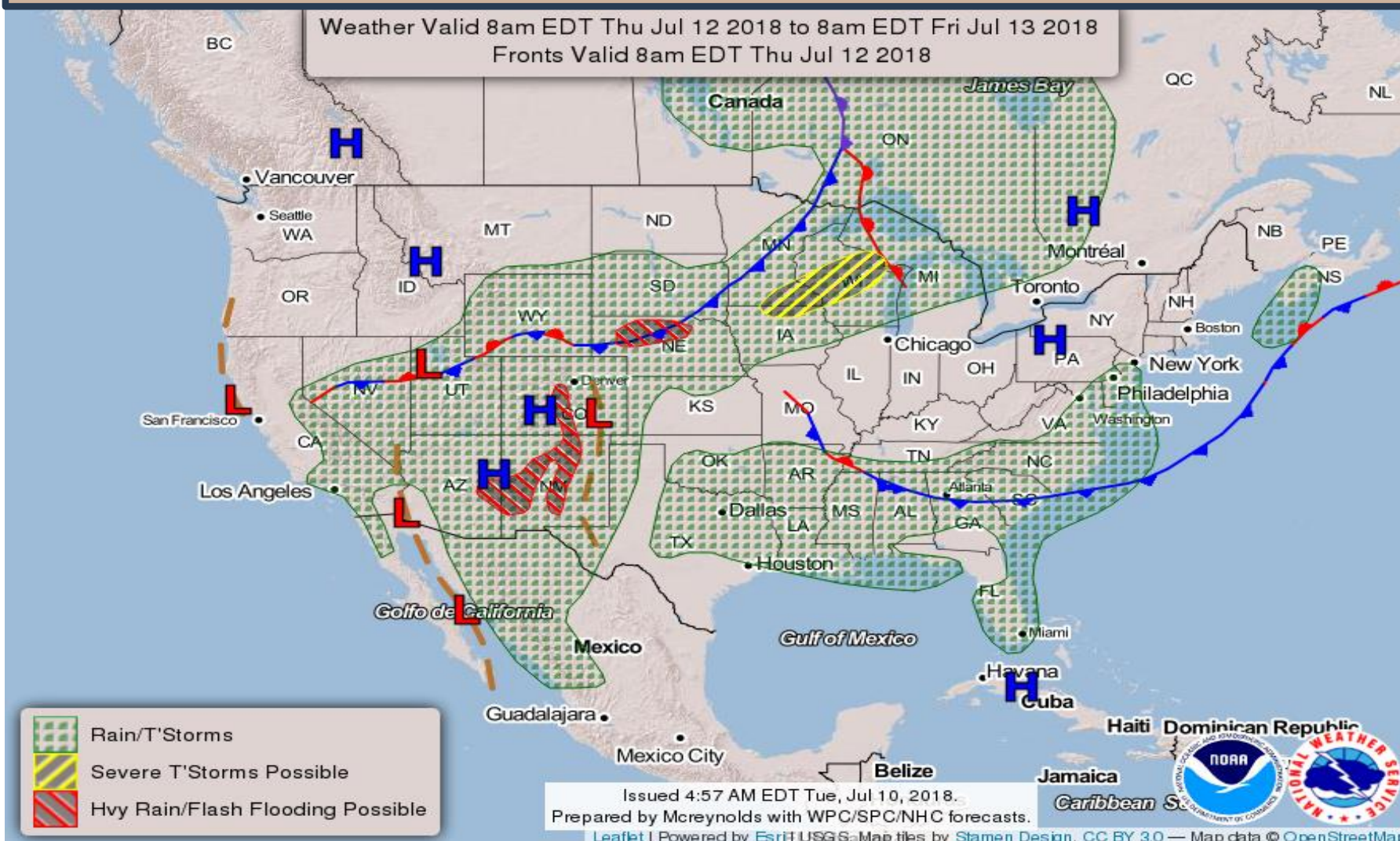
Graphic Created
July 10th, 2018
6:52 AM CDT

Thursday's Weather

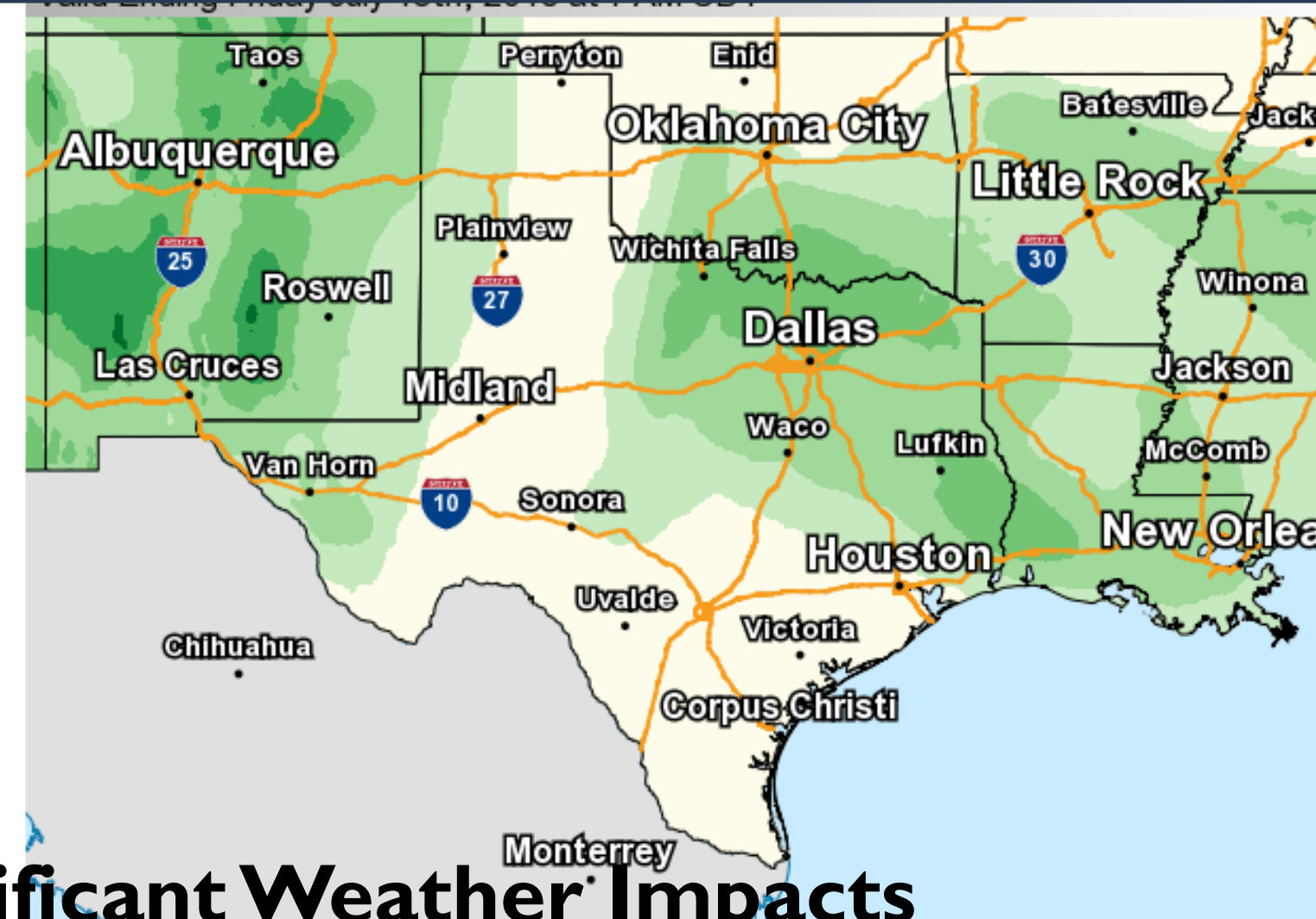
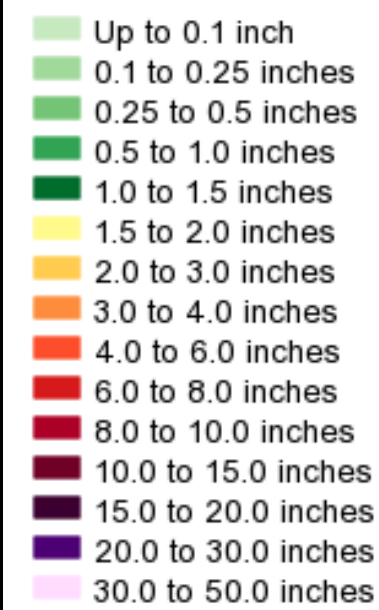


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Forecast Chart

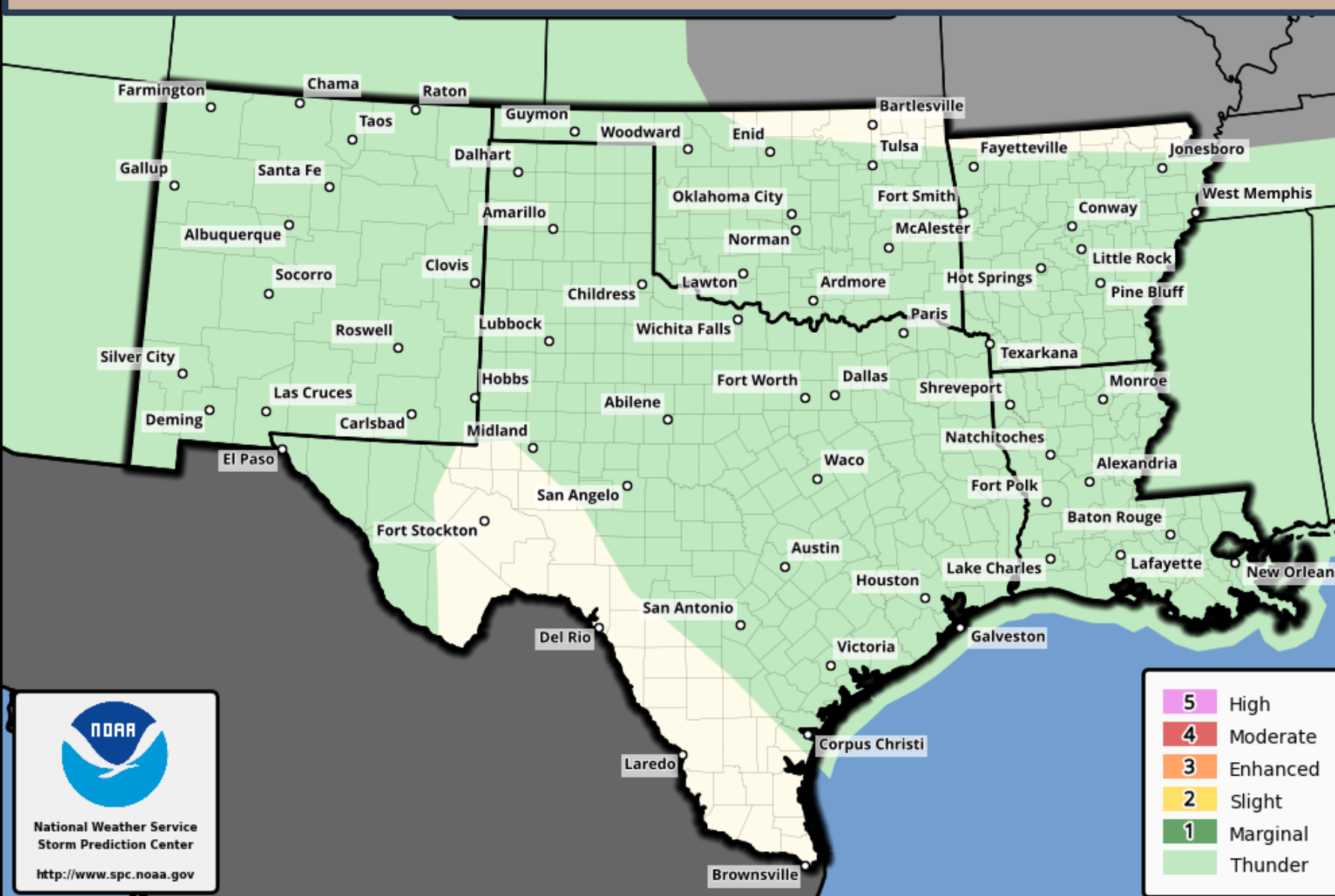


Forecast Rainfall

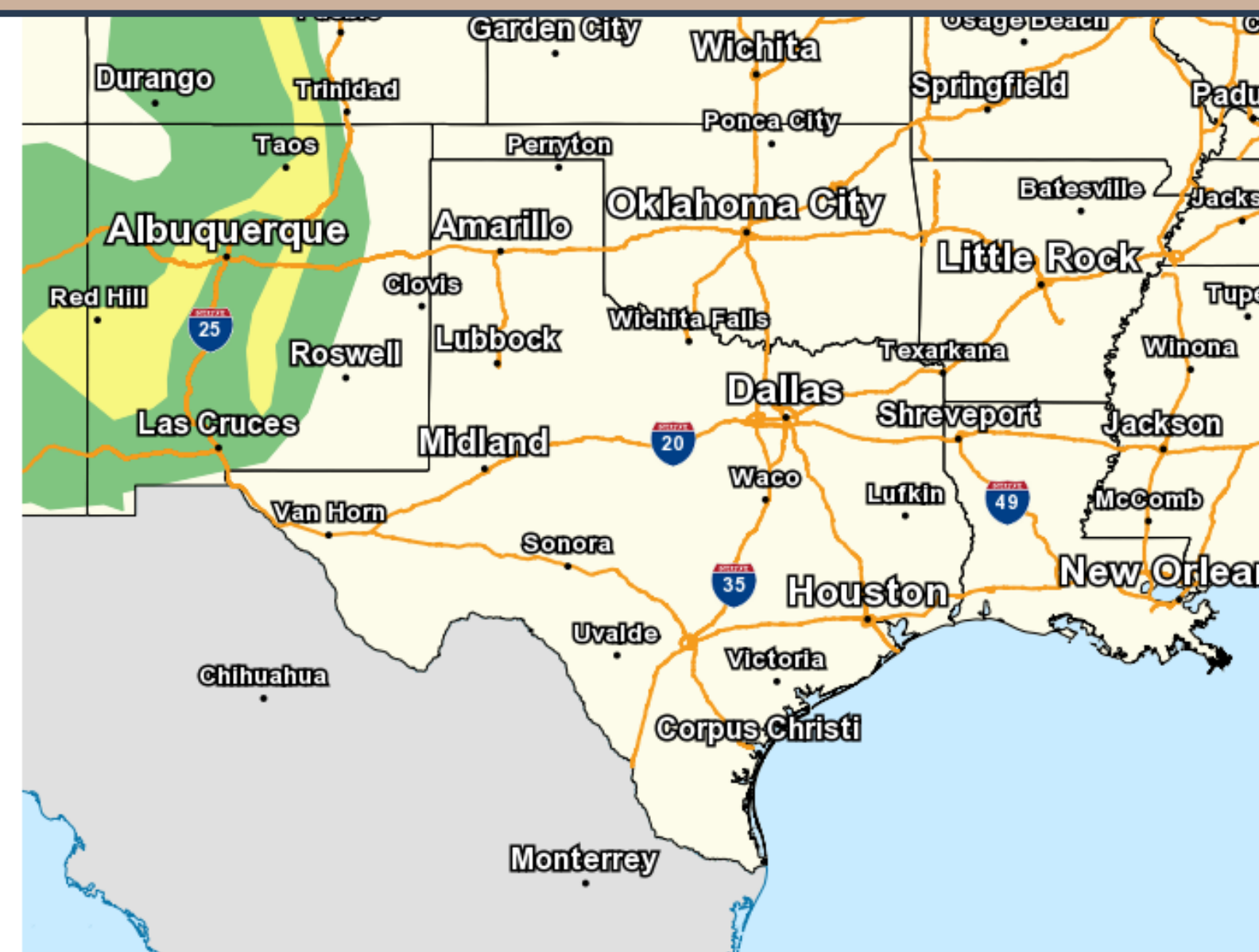
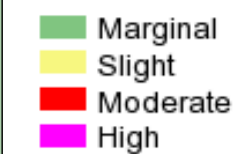


Isolated heavy rain/flash
flooding possible across
NM.

Severe Weather Outlook



Excessive Rainfall Outlook

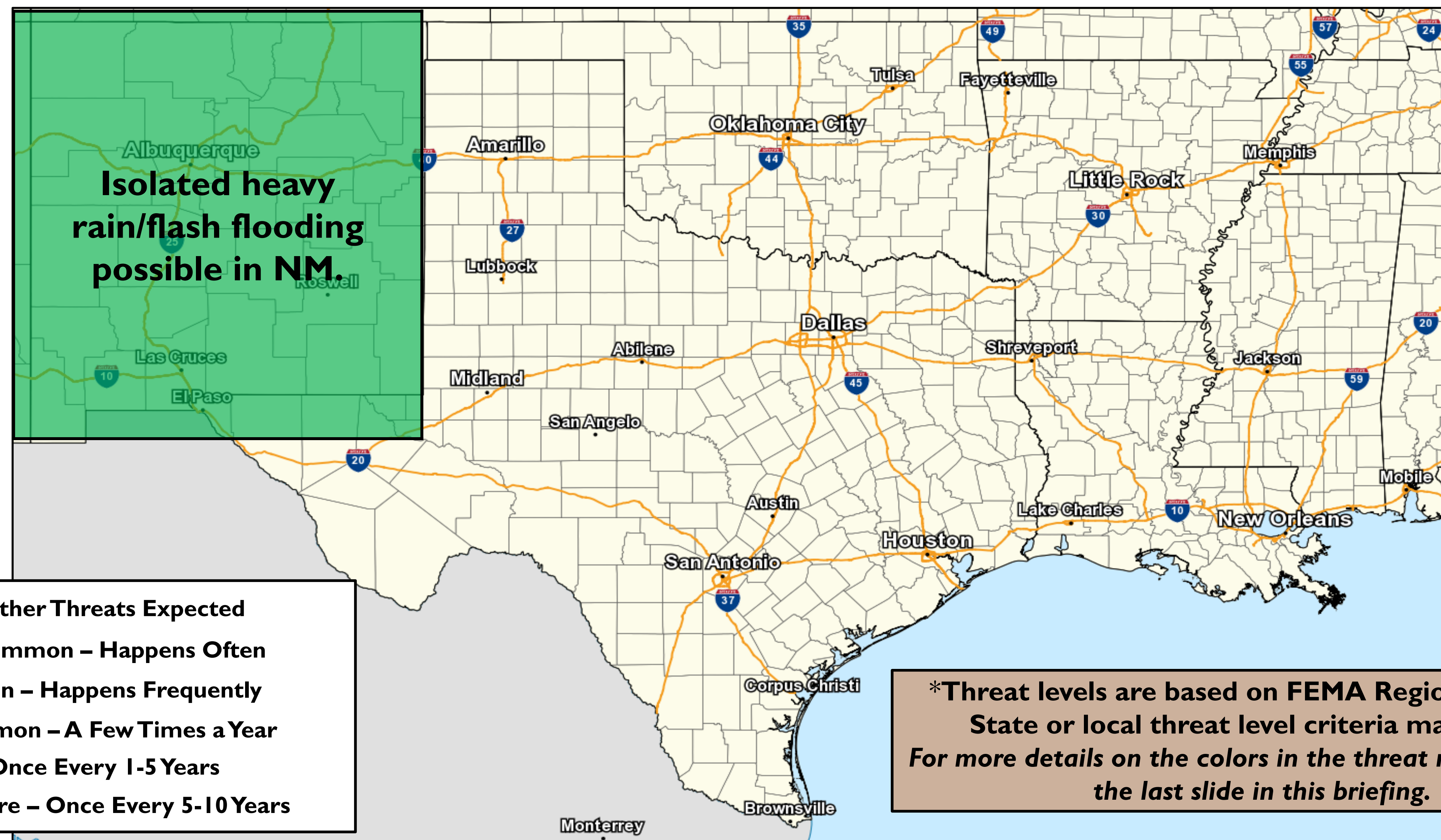


Days 4-5 Weather Hazards

Friday - Saturday



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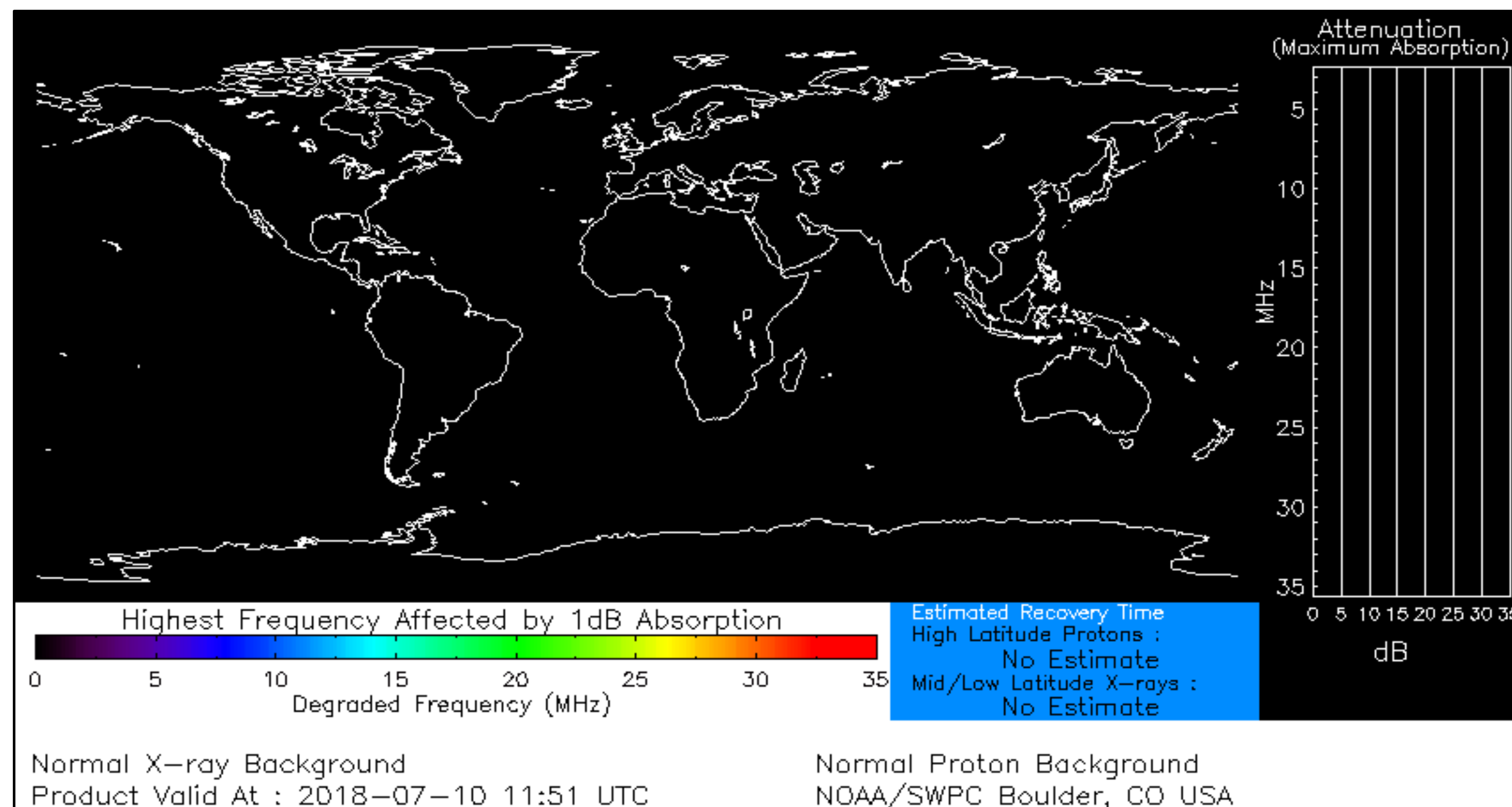
- No Weather Threats Expected
- Very Common – Happens Often
- Common – Happens Frequently
- Uncommon – A Few Times a Year
- Rare – Once Every 1-5 Years
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Space Weather 3-Day Forecast



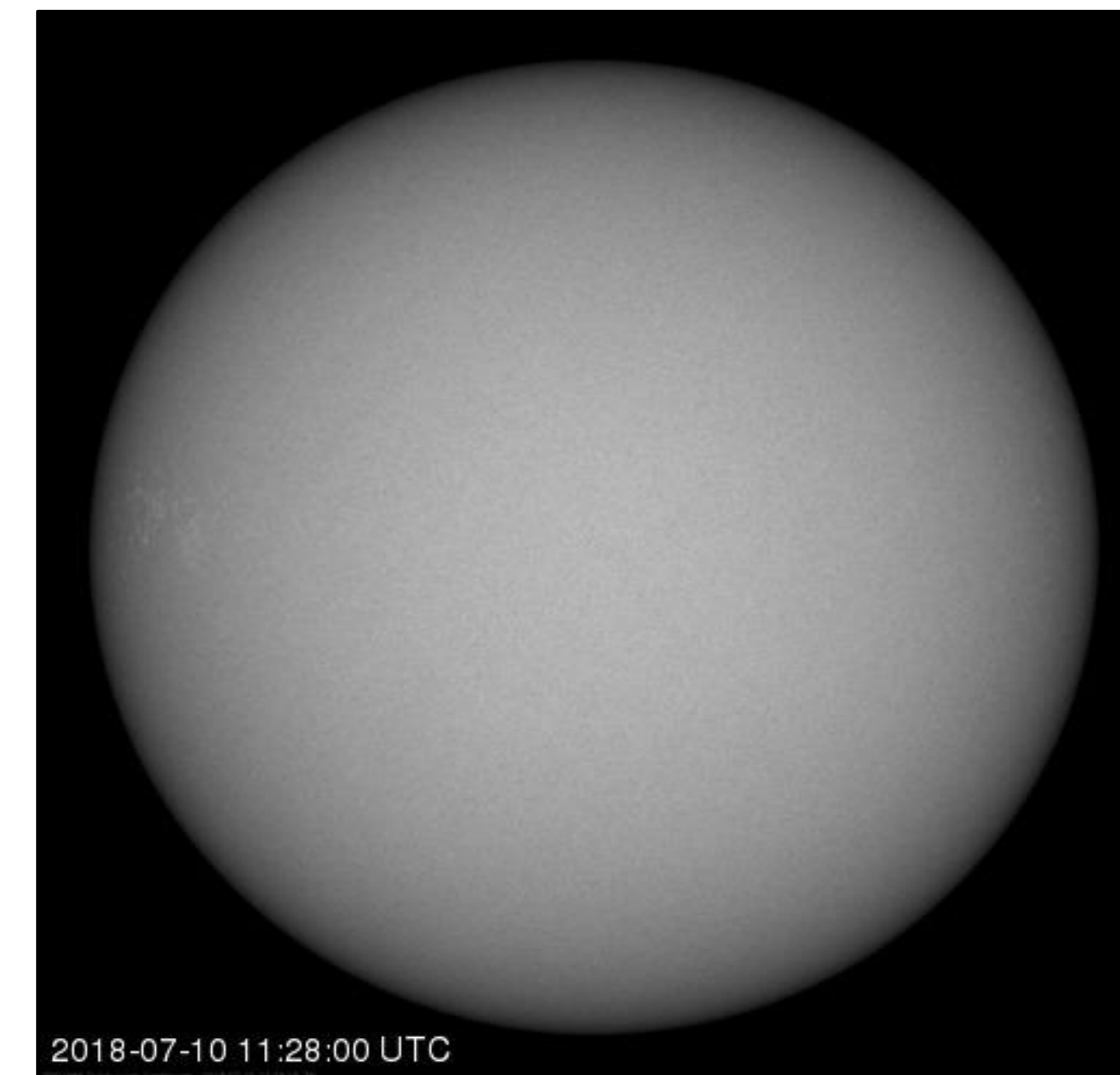
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	Tuesday	Wednesday	Thursday
Geomagnetic Storms	Quiet to Unsettled (Max Kp = 3)	Quiet (Max Kp = 2)	Quiet (Max Kp = 2)
Solar Radiation Storm (S1-S5)	1%	1%	1%
Radio Blackout (R1-R2)	1%	1%	1%
Radio Blackout (R3-R5)	1%	1%	1%



[Click here for a Description of the Space Weather Storm Scales](#)

[Click here for the Latest 3-Day Space Weather Forecast Text](#)





For more information, please contact:

National Weather Service
Southern Region Headquarters
Regional Operations Center
Fort Worth, TX

Phone: (682) 703-3747

E-mail: sr-srh.roc@noaa.gov

Web: <http://www.weather.gov/srh>



Weather “Threat” Matrix			
Color	Definition	Criteria	Example(s)
Green	Very Common Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines	Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None Fire Weather: No Watches/Warnings, fuel moisture above 10% or green up active	<ul style="list-style-type: none"> Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees Something that happens almost every day in a particular season such as <u>seabreeze</u> storms in coastal TX
Yellow	Somewhat Common – Happens Frequently Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Some Inconvenience to Daily Life	Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline Fire Weather: Red Flag Watches/Warnings and/or SPC outlines enhanced or critical fire outlook	<ul style="list-style-type: none"> 2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1” hail
Orange	Uncommon – A Few Times a Year Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Minor Disruption to Daily Life	Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline Fire: Critical fire outlook for more than 2 consecutive days, Warnings for 2 or more consecutive days, D3-D4 drought conditions	<ul style="list-style-type: none"> A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail Some large fires reported, burn bans advertised, critical conditions expected
Red	Rare – Once every 1-5 Years Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Large Disruption to Daily Life	Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline Fire: Large areas of critical conditions for 2 or more days, Warnings for 3 or more days, Severe to extreme drought	<ul style="list-style-type: none"> A Category 1 hurricane will be moving towards the NW Gulf in the next few days Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail Large fires ongoing throughout the area with critical fire weather conditions expected to continue
Purple	Very Rare – Once Every 5-10 Years Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically Results in Long-Lived Widespread Major Disruption to Daily Life	Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline Fire: Large area of critical conditions for 2 or more days, Warnings for 3 or more days, Long term (months) of severe to extreme drought	<ul style="list-style-type: none"> A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms

Criteria for the color codes in this briefing is to the left, please provide any feedback to

sr-srh.roc@noaa.gov